



International Symposium on Bioorganic Chemistry (ISBOC-11) Konstanz Symposium Chemical Biology

Programme (updated on 26 September 2017, 10:00)

Wednesday, 27 September 2017

Time	Programme	Location/Room
8:00-9:00	Registration	Building A, Level A5
9:00-9:20	Opening Ceremony – Prof. Dr. Dr. h.c. mult. Ulrich Rüdiger, Rector of the University of Konstanz – Dr. Hans-Georg Weinig, German Chemical Society (GDCh)	Audimax (A600)
9:20-13:10	Session I, Chair: Andreas Marx	
9:20-10:10	Keynote Aaron Ciechanover The Ubiquitin Proteolytic System - From Basic Mechanisms thru Human Diseases and on to Drug Development	Audimax (A600)
10:10-10:50	IL1 Michael Famulok Chemical Biology of Aptamers and DNA Nanostructures	Audimax (A600)
10:50-11:20	Coffee Break	Building A, Level A5
11:20-12:00	IL2 Philipp Holliger Synthetic Genetics: Beyond DNA and RNA	Audimax (A600)
12:00-12:40	IL3 Claudia Höbartner Structure and Function of Catalytic DNA	Audimax (A600)
12:40-13:00	ST1 Zhen Xi Gene Nanovector through Branch-PC	Audimax (A600)
13:00-13:10	PDT1 Margherita Di Pisa Maximizing Output in RNA-Programmed Peptidyl-Transfer Reactions	Audimax (A600)
13:10-14:15	Lunch	Dining Hall 'Mensa', Building K

Time	Programme	Location/Room
14:15-15:20	Session II, Chair: Valentin Wittmann	
14:15-14:55	IL4 Linda Hsieh-Wilson Harnessing Chemistry to Discover New Carbohydrate-Mediated Signaling Pathways in the Brain	Audimax (A600)
14:55-15:05	PDT2 Christian Risinger Microarray-Display of Viral (Glyco)Peptide Epitopes for the Identification of New Potential Targets for Improved Virus Diagnostics and Vaccine Design	Audimax (A600)
15:05-15:20	JGL1 Aswin Mangerich Non-Covalent Interaction of Poly(ADP-Ribose) with the C-Terminal Domain of P53 Determines Substrate Targeting by PARP1	Audimax (A600)
15:20-18:30	Session III, Chair: Christine Peter	
15:20-15:30	PDT3 Pavel Kielkowski An Adenosine Probe Discovers AMPylation as a Trigger of Neuronal Differentiation	Audimax (A600)
15:30-16:10	IL17 Shang-Cheng Hung Probing Specific Interactions of Cell Surface Carbohydrates with Proteins	Audimax (A600)
16:10-16:30	Poster Talks – PT1 Pratap Chandra Acharya – PT2 Gizem Bor – PT3 Prabodh Chander Sharma – PT4 Felix Ebner – PT5 Madeline Kavanagh	Audimax (A600)
16:30-18:30	P01-P48 Poster Session and Coffee Break	Building K, Level K7
19:00	Conference Dinner	Dining Hall 'Mensa', Building K

Thursday, 28 September 2017

Time	Programme	Location/Room
9:00-13:05	Session IV, Chair: Karin Hauser	
9:00-9:40	IL13 Floyd Romesberg A Semi-Synthetic Organism that Stores and Retrieves Increased Genetic Information	Audimax (A600)
9:40-10:20	IL8 Dorothea Fiedler Elucidating the Functions and Mechanisms of Inositol Pyrophosphate Messengers with Chemical Tools	Audimax (A600)
10:20-10:40	ST2 Margaret Brimble Synthesis of Cysteine-Rich Antimicrobial Peptides and Proteins	Audimax (A600)
10:40-10:50	PDT4 Emanuelle Thinon Chemical Approaches to Study Protein S-Palmitoylation	Audimax (A600)
10:50-11:20	Coffee Break	Building A, Level A5
11:20-12:00	IL9 Helma Wennemers Controlling Supramolecular Assemblies with Proline-Rich Scaffolds	Audimax (A600)
12:00-12:40	IL10 Richard J. Payne New Methods for the Chemical Synthesis of Proteins Bearing Post-Translational Modifications	Audimax (A600)
12:40-12:55	JGL2 Michael Kovermann Protein's Structure and Dynamics in an Imitated Intracellular Environment	Audimax (A600)
12:55-13:05	PDT5 Coralie Pasquier Anomalous Protein-Protein Interactions in Multivalent Salt Solution	Audimax (A600)
13:05-14:15	Lunch	Dining Hall 'Mensa', Building K

Time	Programme	Location/Room
14:15-18:30	Session V, Chair: Thomas U. Mayer	
14:15-14:55	IL11 Matthew Bogoy New Chemical Probe Technologies: Applications to Diagnostic Imaging and Drug Discovery	Audimax (A600)
14:55-15:10	JGL3 Thomas Böttcher Small Molecules and Bacterial Behavior	Audimax (A600)
15:10-15:40	ST3 George Michael Blackburn Biomolecular Umpolung by Kinases	Audimax (A600)
15:40-15:50	PDT7 Hajo Kries Unusual Terpene Cyclization in Plants	Audimax (A600)
15:50-16:15	Poster Talks – PT6 Veaceslav Kulcički – PT7 Dimitrios Matiadis – PT8 Ralf Strasser – PT9 Lena Amelie Wurmthaler – PT10 Anne Zemella – PT11 Meng Zheng	Audimax (A600)
16:30	<i>Parallel to Poster Session (not open to the public): IUPACs Biomolecular Chemistry S/C meeting (Virinder S. Parmar, Ph.D. FRSC)</i>	D430
16:30-18:30	P49-P91 Poster Session and Coffee Break	Building K, Level K7
19:30	Banquet	Konzil Konstanz, Hafenstrasse 2

Friday, 29 September 2017

Time	Programme	Location/Room
9:00-12:45	Session VI, Chair: Jörg Hartig	
9:00-9:40	IL12 Wei Yang A New Paradigm for Catalysis of Nucleotidyl-Transfer Reactions	Audimax (A600)
9:40-10:20	IL7 Hiroaki Suga A RaPID Way to Discover Pseudo-Natural Peptides for Therapeutic Uses	Audimax (A600)
10:20-10:40	ST4 Antony Fairbanks Convergent Synthesis of Bioactive Glycopeptides and Glycoproteins	Audimax (A600)
10:40-10:50	PDT8 Manfred Konrad Measuring Enzymatic Activities in Droplets: Application to L-Asparaginase Used in Antileukemic Therapy	Audimax (A600)
10:50-11:20	Coffee Break	Building A, Level A5
11:20-12:00	IL14 Yamuna Krishnan DNA Nanodevices for Cell Specific Cargo Delivery	Audimax (A600)
12:00-12:20	ST5 Zhihong Guo A New Mode of Thiamine Disphosphate-Dependent Catalysis in Vitamin K Biosynthesis	Audimax (A600)
12:20-12:35	JGL4 Florian Stengel Using Cross-Linking Mass Spectrometry and Integrated Modeling to Study Architecture and Dynamics of Signaling Complexes	Audimax (A600)
12:35-12:45	PDT9 Maksim A. Fomin A Two-Acceptor Cyanine-Based Fluorescent Indicator for NAD(P)H in Tumor Cell Models	Audimax (A600)
12:45-14:00	Lunch	Dining hall 'Mensa', Building K

Time	Programme	Location/Room
14:00-16:20	Session VII, Chair: Martin Scheffner	
14:00-14:40	IL15 Ulrike Eggert A Chemical Approach to Understanding Cell Division	Audimax (A600)
14:40-15:20	IL16 Jürgen Bajorath Learning from Big Data at the Interface of Chemistry and Biology	Audimax (A600)
15:20-15:30	PDT10 Stephan Hacker Global Profiling of Lysine Reactivity and Ligandability in the Human Proteome	Audimax (A600)
15:30-16:20	Keynote: Thomas A. Steitz The Structure and Function of the Ribosome Complexes with Various Protein Factors and Antibiotics	Audimax (A600)
16:20	Poster Award Presentation & Concluding Remarks	Audimax (A600)
Afterwards	Farewell and Coffee to Go	Building A, Level A5